MAY 0 2 2006

Attorney's Docket No.: 15670-054US1 / SD2002-186

OFFICIAL COMMUNICATION FACSIMILE:

OFFICIAL FAX NO: (571) 273-8300

Number of pages including this page

Applicant: Gregory C. Roberts, et al.

Art Unit: 2877 Serial No.: 10/528,348

Filed : November 7, 2005 Examiner: Unknown

Title : STREAM-WISE THERMAL GRADIENT CLOUD CONDENSATION NUCLEI

CHAMBER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Request for Corrected Official Filing Receipt and supporting documentation, faxed this 2nd day of May, 2006, to the United States Patent and Trademark Office.

Respectfully submitted,

Date: May 2, 2006

Fish & Richardson P.C. PTO Customer No. 20985 12390 El Camino Real San Diego, California 92130 Telephone: (858) 678-5070

Fax: (858) 678-5099

10626752.doc

Bing Ai Reg. No. 43,312

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Attorney's Docket No.: 15670-054US1 / SD2002-186

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Applicant: Gregory C. Roberts, et al.

Art Unit : 2877

Serial No.: 10/528,348

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Title

: STREAM-WISE THERMAL GRADIENT CLOUD CONDENSATION NUCLEI

CHAMBER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Please correct the Filing Receipt for the above-referenced application to include the second inventor Athanasios Nenes, Mableton, Georgia, as set forth in the attached Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 as filed with the U.S. Patent and Trademark Office on March 17, 2005.

Please supply a corrected Filing Receipt to the undersigned with respect to this application. A copy of the original Filing Receipt showing the desired changes in red ink is attached for your convenience.

No fee is believed to be due. If, however, there are any charges or credits, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date: May 2, 2006

Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130 Telephone: (858) 678-5070 Facsimile: (858) 678-5099

10626746.doc

Bing Ai

Reg. No. 43,312

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

Michelle Sympson

Typed or Printed Name of Person Signing Certificate

@003

T		NSMITTAL LETTEP 'O THE UNITED STATE	S ATTORNE DOCKET NUMBER 15670-01 1 SD2002-186						
		ESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)						
		CERNING A SUBMISSION UNDER 35 U.S.C. 37 VIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED						
		NTIONAL APPLICATION NO. INTERNATIONAL FILING DATE 18 September 2003	18 September 2002						
	TITLE OF INVENTION STREAM-WISE THERMAL GRADIENT CLOUD CONDENSATION NUCLEI CHAMBER								
		NT(S) POR DO/EO/US							
Gre	gory	C. Roberts and Athanasios Nenes							
Apr	lican	therewith submits to the United States Designated/Elected Office (DO/EO/	JS) the following items and other information:						
1.		This is a FIRST submission of items concerning a submission under 35 U.							
2.		This is a SECOND or SUBSEQUENT submission of items concerning a s	ubmission under 35 U.S.C. 371.						
3.	Ø	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.	\boxtimes	The US has been elected (Article 31).	•						
5.	X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))	- 73 L						
		 a. is attached hereto (required only if not communicated by the late b. has been communicated by the International Bureau. 	malional Bureau).						
		c. is not required, as the application was filed in the United States R	eceiving Office (RO/US).						
6.		An English language translation of the International Application as filed (3	5 U.S.C. 371(e)(2)).						
		a. is attached hereto.							
7.	×	 b. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the international Application under PCT Articles 	cle 19 (35 U.S.C. 371(c)(3))						
	_	a. are attached hereto (required only if not communicated by the Int							
		 b. have been continuinicated by the International Burcau. c. have not been made; however, the time limit for making such am 	endments has NOT excited.						
		d. A have not been made and will not be made.							
8.		An English language translation of amendments to the claims under PCT A	rticle 19 (35 U.S.C. 371(c)(3)).						
9.		An eath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.		An English language translation of the annexes to the International Prelimi Article 36 (35 U.S.C. 371(c)(5)).	nary Examination Report under PCT						
1	Itez	ns 11 to 20 below concern document(s) or information included:							
11.	Ø	An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.							
12.		An assignment document for recording. A separate cover sheet in compliant	nce with 37 C.F.R. 3.28 and 3.31 is included.						
		A preliminary amendment							
14.	_	An Application Data Sheet under 37 C.F.R. 1.76.							
1		A substitute specification.							
16.		A power of anomey and/or change of address letter.							
17.		·							
18.									
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20.	Ø	Other items or information: Return Receipt Postcard, Express Mail Declaration							
	CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. EV399314765US Date of Deposite March 17, 2005								

U.S. APPLICATION NO. (If known, see 37 C.F '.5) INTERNATIONAL APPLICATION NO. PCT/US03/29213					ATTORNEY'S DOCKET NUMBER				
The followin	The following fees have been submitted						CALCULATIONS PTO USE ONLY		
21. ⊠ Bas	-					\$300	\$300.00	i i i i i i i i i i i i i i i i i i i	
22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)						\$200.00			
23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						\$100.00			
			1, 22 and 23 =				\$600.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets		Number of ea thereof (roun	ach additional 50 or fraction d up to a whole number)	n	RATE			
-100 ==		/50=				X \$250	\$0.00		
priority date (37 C	.F.R. 1.492(h	g the c	oath or declarat	ion later than 30 months fi	rom t		\$0.00		
CLAIMS		NUM	BER FILED	NUMBER EXTRA		RATE		*	
Total Clair		2	7 - 20 =	7		x \$50	\$350.00		
Independent C			- 3 =	2		x \$200	5400.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360						\$0.00			
TOTAL OF ABOVE CALCULATIONS =							\$1,350.00		
Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by 1/2.							\$675.00		
N 1 4 4						SUBTOTAL =	\$675.00		
Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(i))							\$0.00		
				T	OTA	L NATIONAL FEE =	\$675.00		
Fee for recording to by an appropriate of	he enclosed a cover sheet (3)	ssignm 7 C.P.J	ent (37 C.F.R. R. 3.28, 3.31).	121(h)). The assignment \$40.00 per property	mus	be accompanied +	\$0.00		
				The second secon	TAL	FEES ENCLOSED =	\$675.00		
							Amount to be refunded:	\$0.00	
							Amount to be charged:	\$0.00	
a. 🖾 A check	in the amount	of \$67	75.00 to cover	the above fees is enclosed.	,				
b. Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.									
d. Pees are to be charged to a credit card. WARNING: Information on this form may become public, Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filled and granted to restore the international Application to pending status.									
SEND ALL CORRESPONDENCE TO:						m			
PTO Customer No: 20985						Bing Ai			
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					43,312				
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Page 1 of 3 RECEIVED CENTRAL FAX CENTER



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PO Deal 1599 main 12313-1450

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS	
10/528,348	11/07/2005	2877	740	15670-054US1 SD2002-186	6	27	5	,

CONFIRMATION NO. 5044

20985 FISH & RICHARDSON, PC P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022

FILING RECEIPT *OC000000018107488*

Date Mailed: 02/23/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filling Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Gregory C. Roberts, San Diego, CA; Athanasios Nenes, Mable ton, Georgia

Power of Attorney: The patent practitioners associated with Customer Number 20985.

Domestic Priority data as claimed by applicant-

This application is a 371 of PCT/US03/29213 09/18/2003 which claims benefit of 60/411,688 09/18/2002

Foreign Applications

Projected Publication Date: 05/01/2006

Non-Publication Request: No

Early Publication Request: No

" SMALL ENTITY "

Title

Stream-wise thermal gradient cloud condensation nuclei chamber

1

i t Li Page 2 of 3

Preliminary Class 356

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filling of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filling of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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